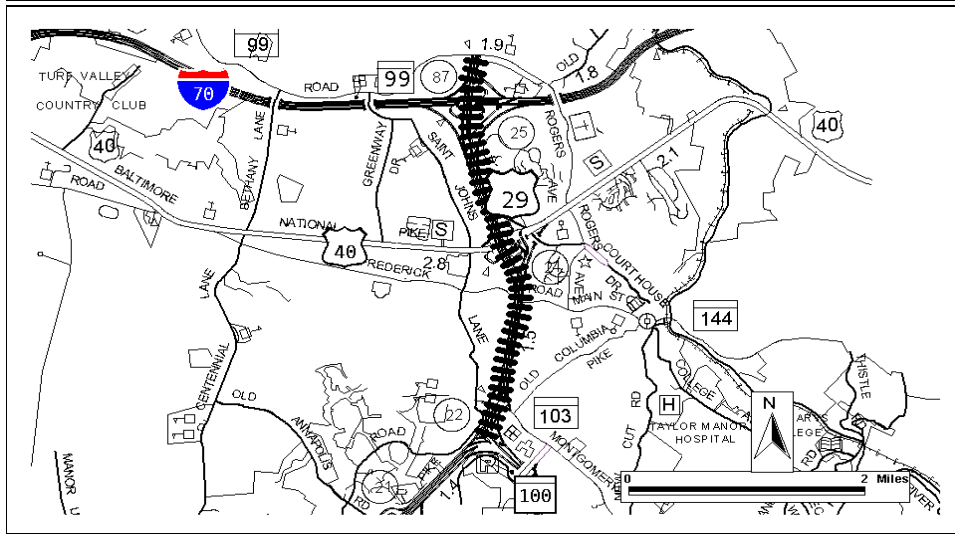




Howard

**STATE HIGHWAY ADMINISTRATION -- Howard County -- Line 1**

**PRIMARY CONSTRUCTION PROGRAM**



**PROJECT:** US 29, Columbia Pike

**DESCRIPTION:** Resurfaced portions of US 29 between MD 100 and MD 99, added an additional lane in each direction between MD 100 and US 40 and widened the ramps to and from MD 100.

**JUSTIFICATION:** This project has improved safety and relieved congestion in this heavily traveled corridor.

**SMART GROWTH STATUS:**

- |   |  |
|---|--|
| <input type="checkbox"/> Project Not Location Specific or Location Not Determined | <input type="checkbox"/> Project Outside PFA; Subject to Exception |
| <input checked="" type="checkbox"/> Project Within PFA                            | <input type="checkbox"/> Exception Approved by BPW/MDOT            |
| <input type="checkbox"/> Grandfathered  |  |

**ASSOCIATED IMPROVEMENTS:**

<u>Federal Funding By Year of Obligation</u>						
PHASE	FFY 2004	FFY 2005	FFY 2006	FFY 2007	FFY 2008 - 2009	FEDERAL CATEGORY
PP	0	0	0	0	0	----
PE	0	0	0	0	0	----
RW	0	0	0	0	0	----
CO	0	0	0	0	0	----

**STATUS:** The roadway improvements between MD 100 and MD 99 are Open to Service. The construction of the noise barriers from Frederick Road to south of MD 103 is to begin during the current fiscal year. County contributed \$4.0 million to construction. Cost shown is SHA share only.

**SIGNIFICANT CHANGE FROM FY 2003 - 08 CTP:** None.

POTENTIAL FUNDING SOURCE: <input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER										
PROJECT CASH FLOW										
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2003	CURRENT YEAR 2004	BUDGET YEAR 2005	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2006.....	.....2007.....	.....2008.....	.....2009.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	1,748	1,748	0	0	0	0	0	0	0	0
Right-of-way	387	0	306	81	0	0	0	0	387	0
Construction	16,673	8,131	3,945	3,789	808	0	0	0	8,542	0
Total	18,808	9,879	4,251	3,870	808	0	0	0	8,929	0
Federal-Aid	13,783	6,724	3,420	3,009	630	0	0	0	7,059	0

**FUNCTION :**

**STATE -** Principal Arterial

**FEDERAL -** Freeway/Expressway

**STATE SYSTEM :** Primary

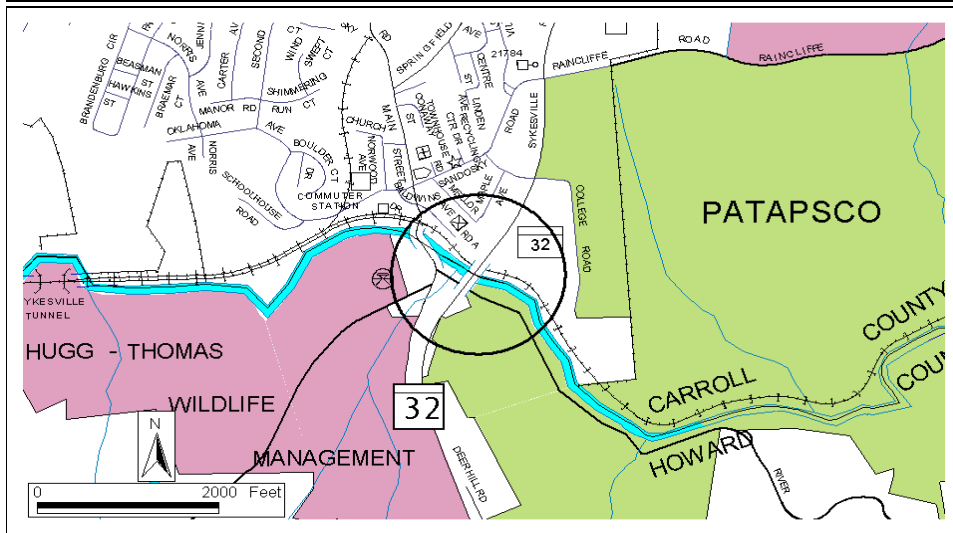
**DAILY TRAFFIC : (USAGE IMPACTS)**

**CURRENT (2002) -** 113,850

**PROJECTED (2025) -** 153,700

**OPERATING COST IMPACT** \$8,000 per year

## SECONDARY CONSTRUCTION PROGRAM



**PROJECT:** MD 32, Sykesville Road

**DESCRIPTION:** Replace Bridge 1304600 over River Road, Patapsco River and CSX Railroad, immediately west of its existing location. Shoulders will accommodate bicycles and pedestrians.

**JUSTIFICATION:** This project will replace the existing deteriorating aluminum bridge. The existing bridge is historic and will remain in place after the new bridge is constructed.

**SMART GROWTH STATUS:**

- |                                     |  |
|-------------------------------------|--|
| <input type="checkbox"/>            | Project Not Location Specific or Location Not Determined |
| <input type="checkbox"/>            | Project Within PFA                                       |
| <input type="checkbox"/>            | Project Outside PFA; Subject to Exception                |
| <input type="checkbox"/>            | Grandfathered  |
| <input checked="" type="checkbox"/> | Exception Approved by BPW/MDOT                           |

**ASSOCIATED IMPROVEMENTS:**

<u>Federal Funding By Year of Obligation</u>						
PHASE	FFY 2004	FFY 2005	FFY 2006	FFY 2007	FFY 2008 - 2009	FEDERAL CATEGORY
PP	0	0	0	0	0	----
PE	0	0	0	0	0	----
RW	0	0	0	0	0	----
CO	0	0	0	0	0	----

**STATUS:** Construction underway.

**SIGNIFICANT CHANGE FROM FY 2003 - 08 CTP:** None.

POTENTIAL FUNDING SOURCE:				<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER							
PROJECT CASH FLOW											
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2003	CURRENT YEAR 2004	BUDGET YEAR 2005	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE	
					.....2006.....	.....2007.....	.....2008.....	.....2009.....			
Planning	0	0	0	0	0	0	0	0	0	0	
Engineering	738	736	2	0	0	0	0	0	2	0	
Right-of-way	158	103	55	0	0	0	0	0	55	0	
Construction	4,291	1,626	2,665	0	0	0	0	0	2,665	0	
Total	5,187	2,465	2,722	0	0	0	0	0	2,722	0	
Federal-Aid	4,117	1,941	2,176	0	0	0	0	0	2,176	0	

**FUNCTION :**

STATE - Minor Arterial

**FEDERAL - Minor Arterial**

**STATE SYSTEM :** Secondary

**DAILY TRAFFIC : (USAGE IMPACTS)**

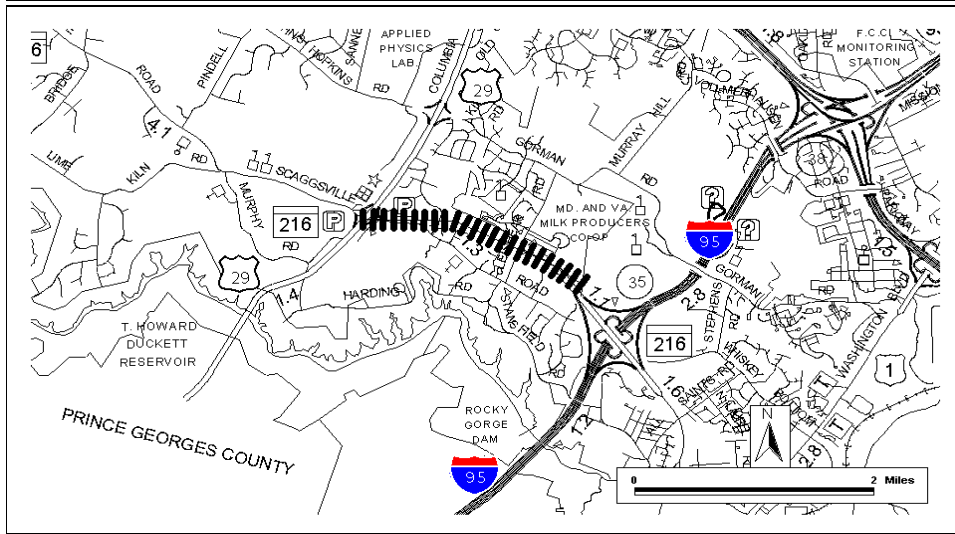
**CURRENT (2002) - 22,000**

**PROJECTED (2025) - 28,000**

<b>OPERATING COST IMPACT</b>	N/A
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# STATE HIGHWAY ADMINISTRATION -- Howard County -- Line 3

# SECONDARY CONSTRUCTION PROGRAM



**PROJECT:** MD 216 Relocated, Scaggsville Road

**DESCRIPTION:** Construct a 6 lane highway on new location to replace existing MD 216 from west of I-95 to US 29 (2.80 miles). Wide curb lanes will accommodate bicycles, and the project also includes a pedestrian facility.

**JUSTIFICATION:** MD 216 is a minor arterial serving southern Howard County. The existing roadway is geometrically deficient and discontinuous, utilizing a short section of a county road. The new roadway will provide a continuous arterial highway between I-95 and US 29, and will accommodate expected growth in this area.

## SMART GROWTH STATUS:

- |   |  |
|---|--|
| <input type="checkbox"/> Project Not Location Specific or Location Not Determined | <input type="checkbox"/> Project Outside PFA; Subject to Exception |
| <input checked="" type="checkbox"/> Project Within PFA                            | <input type="checkbox"/> Exception Approved by BPW/MDOT            |
| <input checked="" type="checkbox"/> Grandfathered                                 |  |

## ASSOCIATED IMPROVEMENTS:

<u>Federal Funding By Year of Obligation</u>						
PHASE	FFY 2004	FFY 2005	FFY 2006	FFY 2007	FFY 2008 - 2009	FEDERAL CATEGORY
PP	0	0	0	0	0	----
PE	0	0	0	0	0	----
RW	0	0	0	0	0	----
CO	0	0	0	0	0	----

**STATUS:** Construction underway. Howard County will contribute funds towards construction of the 5th and 6th lanes.

**SIGNIFICANT CHANGE FROM FY 2003 - 08 CTP:** None.

POTENTIAL FUNDING SOURCE:									
<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER									
PROJECT CASH FLOW									
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2003	CURRENT YEAR 2004	BUDGET YEAR 2005	FOR PLANNING PURPOSES ONLY				
					.....2006.....	.....2007.....	.....2008.....	.....2009.....	
Planning	138	138	0	0	0	0	0	0	0
Engineering	4,566	4,566	0	0	0	0	0	0	0
Right-of-way	4,406	3,401	925	80	0	0	0	0	0
Construction	19,372	4,482	6,465	7,971	454	0	0	0	0
Total	28,482	12,587	7,390	8,051	454	0	0	0	0
Federal-Aid	18,963	6,262	5,878	6,458	365	0	0	0	0

## FUNCTION :

**STATE -** Minor Arterial

**FEDERAL -** Minor Arterial

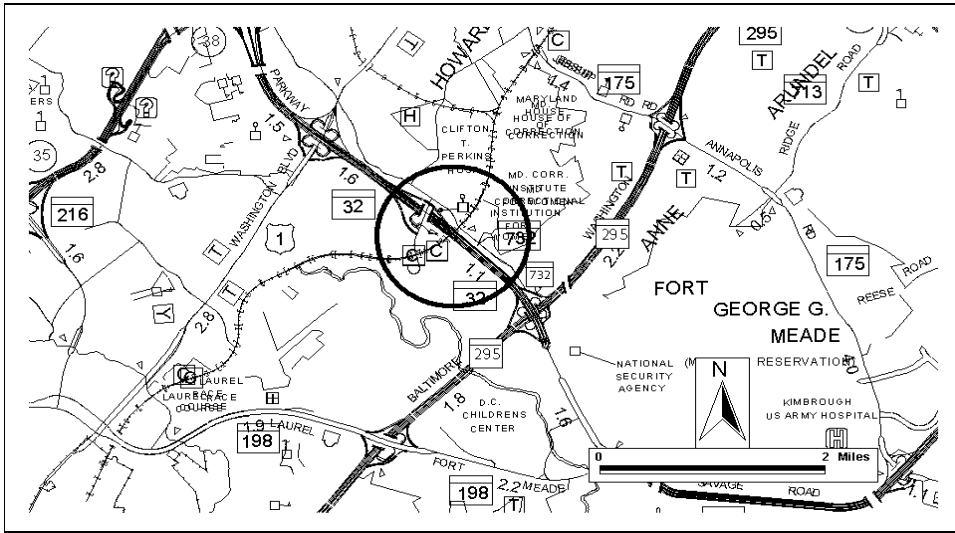
**STATE SYSTEM :** Secondary

## DAILY TRAFFIC : (USAGE IMPACTS)

**CURRENT (2002) -** 17,500 (existing MD 216)

**PROJECTED (2025) -** 51,500

**OPERATING COST IMPACT** \$13,000 per year



**PROJECT:** MD 732, Guilford Road

**DESCRIPTION:** Replace Bridge 1302900 over CSX Railroad. Sidewalks and shoulders will accommodate bicycles and pedestrians.

**JUSTIFICATION:** This project will replace the existing deteriorating bridge.

**SMART GROWTH STATUS:**

- |   |  |
|---|--|
| <input type="checkbox"/> Project Not Location Specific or Location Not Determined | <input type="checkbox"/> Project Outside PFA; Subject to Exception |
| <input checked="" type="checkbox"/> Project Within PFA                            | <input type="checkbox"/> Exception Approved by BPW/MDOT            |
| <input type="checkbox"/> Grandfathered  |  |

**ASSOCIATED IMPROVEMENTS:**

<u>Federal Funding By Year of Obligation</u>						
PHASE	FFY 2004	FFY 2005	FFY 2006	FFY 2007	FFY 2008 - 2009	FEDERAL CATEGORY
PP	0	0	0	0	0	----
PE	0	0	0	0	0	----
RW	0	0	0	0	0	----
CO	0	0	0	0	0	----

**STATUS:** Construction to begin during current fiscal year. SHA, Anne Arundel County and Howard County are sharing the cost of construction. Cost shown is SHA share only. Project to be advertised by Howard County.

**SIGNIFICANT CHANGE FROM FY 2003 - 08 CTP:** Construction delayed from FY03 to FY04 due to a delay in the acquisition of needed Right-of-way.

POTENTIAL FUNDING SOURCE:				<input checked="" type="checkbox"/> SPECIAL		<input checked="" type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input checked="" type="checkbox"/> OTHER	
PROJECT CASH FLOW											
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2003	CURRENT YEAR 2004	BUDGET YEAR 2005	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE	
					.....2006.....	.....2007.....	.....2008.....	.....2009.....			
Planning	0	0	0	0	0	0	0	0	0	0	
Engineering	188	56	132	0	0	0	0	0	132	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	
Construction	930	0	930	0	0	0	0	0	930	0	
Total	1,118	56	1,062	0	0	0	0	0	1,062	0	
Federal-Aid	147	44	103	0	0	0	0	0	103	0	

**FUNCTION :**

STATE - Local

FEDERAL - Local

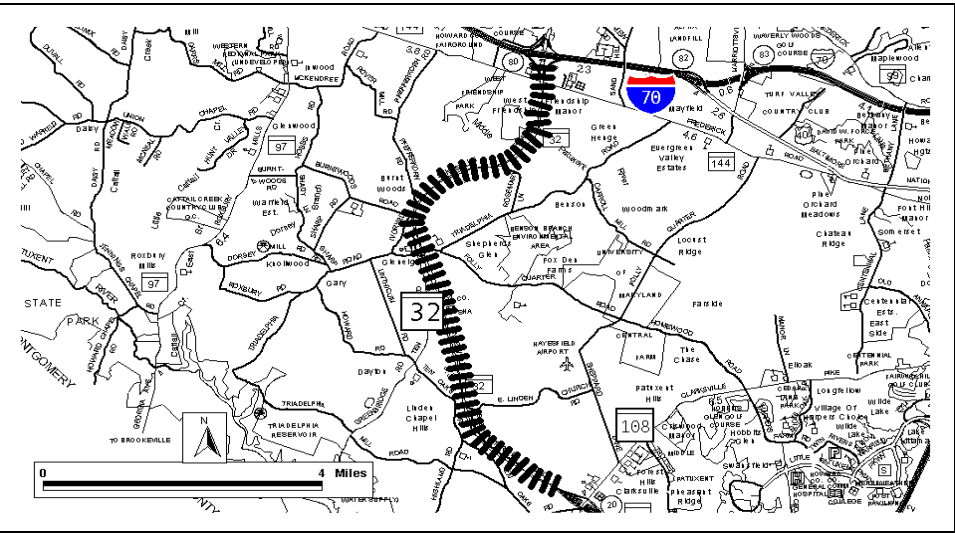
STATE SYSTEM : Secondary

**DAILY TRAFFIC : (USAGE IMPACTS)**

CURRENT (2002) - 13,000

PROJECTED (2025) - 31,000

OPERATING COST IMPACT N/A



**PROJECT:** MD 32, Patuxent Freeway

**DESCRIPTION:** Study to upgrade existing MD 32 from MD 108 to I-70 to address safety concerns (9.06 miles).

**JUSTIFICATION:** This project would address safety problems which have been experienced as a result of increasing traffic volumes on the existing 2 lane roadway.

**SMART GROWTH STATUS:**

- ☒ Project Not Location Specific or Location Not Determined
- ☐ Project Within PFA
- ☐ Grandfathered
- ☒ Project Outside PFA; Subject to Exception
- ☐ Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

Federal Funding By Year of Obligation						
PHASE	FFY 2004	FFY 2005	FFY 2006	FFY 2007	FFY 2008 - 2009	FEDERAL CATEGORY
PP	0	0	0	0	0	----
PE	0	0	0	0	0	----
RW	0	0	0	0	0	----
CO	0	0	0	0	0	----

**STATUS:** Project Planning underway. Engineering to begin during the current fiscal year for the Burntwoods Road Interchange. An additional \$19.1 million is needed to complete Engineering, an additional \$35.8 million is needed to complete Right-of-way.

**SIGNIFICANT CHANGE FROM FY 2003 - 08 CTP:** Added \$2.1 million to Engineering for the design of the Burntwoods Road Interchange.

POTENTIAL FUNDING SOURCE:				<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER						
PROJECT CASH FLOW										
PHASE	TOTAL	EXPEND THRU 2003	CURRENT YEAR 2004	BUDGET YEAR 2005	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED									
	COST (\$000)									
Planning	2,408	1,864	309	235	0	0	0	0	544	0
Engineering	2,419	119	400	900	800	200	0	0	2,300	0
Right-of-way	6,501	387	1,019	1,019	1,019	1,019	1,019	1,019	6,114	0
Construction	0	0	0	0	0	0	0	0	0	0
Total	11,328	2,370	1,728	2,154	1,819	1,219	1,019	1,019	8,958	0
Federal-Aid	1,646	1,305	201	140	0	0	0	0	341	0

**FUNCTION :**

**STATE -** Minor Arterial  
**FEDERAL -** Other Principal Arterial

**STATE SYSTEM :** Primary

**DAILY TRAFFIC : (USAGE IMPACTS)**

**CURRENT (2002) -** 24,600

**PROJECTED (2025) -** 53,000

**OPERATING COST IMPACT** N/A

# **SYSTEM PRESERVATION MINOR PROJECTS PROGRAM**

## **STATE HIGHWAY ADMINISTRATION -- HOWARD COUNTY LINE 6**

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of December 1, 2003
<b><u>Fiscal Year 2003 Completions</u></b>				
<b><u>Traffic Management</u></b>				
1	MD 32	Patuxent Parkway; Dorsey Run Road to Cedar Lane; modify signing	43	Completed
2	US 40	Baltimore National Pike; at Frederick Road/Pine Orchard Lane; reconstruct traffic signal	83	Completed
3	MD 103	Montgomery Road; at Ilchester Road/Rising Sun Lane; install traffic signal	167	Completed
4	MD 108	Clarksville Pike; Ten Oaks Road to the Auto Park; install traffic signal system	92	Completed
<b><u>Fiscal Years 2004 and 2005</u></b>				
<b><u>Resurface/Rehabilitate</u></b>				
5	US 40	Baltimore National Pike; MD 144 to Bridge 130200 over Little Patuxent River; resurface	1,030	FY 2004
6	US 40	Baltimore National Pike; Structure 13032 over Little Patuxent River to St. Johns Lane; resurface	1,006	Under construction
7	I 70	East of MD 97 to 1.0 mile east of Marriottsville Road; resurface	4,547	Completed
8	MD 108	Waterloo Road; MD 104 to west of Snowden River Parkway; resurface	330	Under construction
9	MD 108	Waterloo Road; Old Montgomery Road to MD 175; resurface	929	Under construction
10	MD 108	Old Annapolis Road; Bendix Road to entrance to Howard High School; resurface	637	Completed
<b><u>Bridge Replacement/Rehabilitation</u></b>				
11	MD 986K	South Entrance Road; Structure 1314300 over Little Patuxent River; box culvert replacement (includes 500 feet of approach roadway rehabilitation and interchange reconstruction)	400	Completed

# **SYSTEM PRESERVATION MINOR PROJECTS PROGRAM**

## **STATE HIGHWAY ADMINISTRATION -- HOWARD COUNTY LINE 6 (cont'd)**

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of December 1, 2003
<b><u>Fiscal Years 2004 and 2005 (cont'd)</u></b>				
<b><u>Safety/Spot Improvement</u></b>				
12		Various locations along I 695, MD 695 and I 95 in Anne Arundel, Baltimore and Howard Counties; guard rail	327	Completed
13	US 1	Washington Boulevard; Brewers Court to Whiskey Bottom Road; correct oververtical	1,138	Completed
14	US 1	Washington Boulevard; at Guilford Road; modify MD 32 westbound off-ramp terminus	384	Completed
15	US 40	Baltimore National Pike; at Ridge Road; restripe westbound US 40 to provide 2 lane access to southbound US 29 ramp and modify overhead signing (Funded for preliminary engineering only)	100	PE Underway
16	MD 99	Old Frederick Road; at Mt. Hebron Drive and Maple Rock Drive; provide bypass lanes	377	Completed
17	MD 175	Little Patuxent Parkway; Eastbound at MD 108 to I 95 ramp; resurface, install hazard identification beacon and pavement markings	684	Completed
<b><u>Noise Barriers</u></b>				
18	US 29	Columbia Pike; 4400 feet south of Broken Land Parkway to Diamondback Drive; noise barrier (Atholton Manor, Guilford Downs and Allview Estates)	6,680	FY 2005
19	I 70	St. Johns Lane to US 29; noise barrier along westbound roadway (Brinkleigh/Skyview/The Orchards)	2,723	Under construction
20	I 95	5,000 feet north of MD 100 to Montgomery Road; noise barrier along northbound roadway (Hunt Club Estates)	2,138	FY 2004
21	I 95	Patuxent River Bridge to 2,200 feet south of MD 216; noise barrier along northbound roadway (Highridge)	1,628	Completed



# **SYSTEM PRESERVATION MINOR PROJECTS PROGRAM**

## **STATE HIGHWAY ADMINISTRATION -- HOWARD COUNTY LINE 6 (cont'd)**

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of December 1, 2003
		<u><b>Fiscal Years 2004 and 2005 (cont'd)</b></u>		
		<u><b>Environmental Preservation</b></u>		
22	MD 100	Long Gate Parkway to east of Snowden River Parkway; landscape	458	FY 2004
23	MD 216	Scaggsville Road; I 95 to US 29; reforestation	82	FY 2005
		<u><b>Enhancements</b></u>		
		<u><b>Pedestrian/Bicycle Facilities</b></u>		
24		Centennial Access Pathway - Construction of a 0.5 mile pathway and boardwalk from Old Annapolis Road to Centennial Park at Woodland Road.	250	FY 2005